GP Batteries

Product Portfolio

Primary Batteries

+Flashlights

GP Batteries

Power Solutions

Reliable and dependable, GP Batteries has kept to the forefront of battery manufacturing for over 40 years through increasingly sophisticated research and development, and by anticipating users' needs and arming retailers with the best back-up for their goods.

As an expert in rechargeable technology and the leading consumer battery manufacturer in Asia outside of Japan, ranking in the top five worldwide, GP Batteries produces primary and speciality batteries for virtually all kinds of appliances from high tech to household. They are the ideal portable energy sources for power drain devices such as digital cameras, MP3's, handheld games, electronic toys, smoke detectors, radios and flashlights amongst others.

GP Batteries also makes a full range of miniature batteries essential for improving the quality of life, such as hearing aids, medical devices, and watches as well as calculators, electronic books, garage doors, keyless entry facilities and other small electronics.

High capacity, long service life, high drain performance and superior endurance make GP Batteries the best back-up for all battery powered devices. Produced and packaged in user-friendly format with multi-use adaptations, GP products ensure consumer acceptability.

02

ULTRA PLUS ALKALINE

04

ULTRA ALKALINE

08

SUPER ALKALINE

12

GREENCELL

14

SUPERCELL

15

LITHIUM 9V

16

LITHIUM CYLINDR-ICAL

17

LITHIUM COIN

18

REMOTE CONTROL & HIGH VOLTAGE ALKALINE

19

WATCH & ELECTRO-NICS

20

HEARING AID

21

DISCOVERY-HOME RANGE

22

DISCOVERY-WORK RANGE

23

DISCOVERY-WORK RANGE (LED)

24

DISCOVERY-OUTDOOR RANGE (LED)

25

DISCOVERY-COMPACT RANGE

26

DISCOVERY-LED

27

DISCOVERY-KRYPTON

28

SEARCHER

Ultra Plus Alkaline

The popularity of portable electronic devices bring along the increased demand for long-lasting battery power. Ultra Plus Alkaline battery, made with advanced materials, is designed to provide reliable and long operating power for high drain devices. Ultra Plus Alkaline battery offers users seamless enjoyment with portable gadgets.

Features

- ★ Up to 30% longer lasting performance in high drain applications (AA & AAA size)
- ★ Up to 7 years shelf life
- ★ Complete line of AA, AAA, C, D and 9 Volt

Major Applications

Digital cameras, photo flash, MP3, electronic dictionaries, electronic games, remote-controlled cars and battery-operated toys

Standard Packs

15AUP-U2 AA 1.5V
489 1199 10024 6
10 cards/ box; 80 cards/ carton

15AUP-U4 AA 1.5V
489 1199 10027 7
10 cards/ box; 80 cards/ carton

15AUP-U8 AA 1.5V
489 1199 10504 3
12 cards/ box; 96 cards/ carton

24AUP-U2 AAA 1.5V
489 1199 10030 7
10 cards/ box; 80 cards/ carton

24AUP-U4 AAA 1.5V
489 1199 10033 8
10 cards/ box; 80 cards/ carton

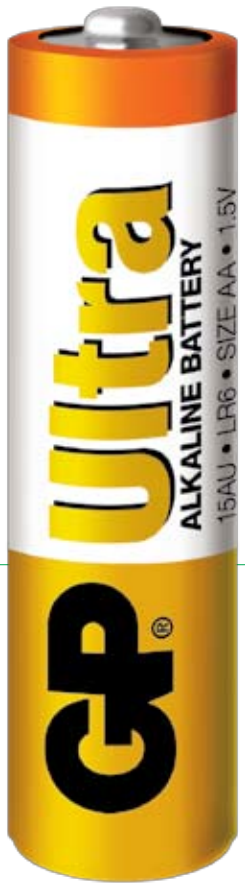
24AUP-U8 AAA 1.5V
489 1199 10507 4
12 cards/ box; 96 cards/ carton

13AUP-U2 D 1.5V
489 1199 10036 9
10 cards/ box; 80 cards/ carton

14AUP-U2 C 1.5V
489 1199 10039 0
10 cards/ box; 80 cards/ carton

1604AUP-U1 9V
489 1199 10042 0
10 cards/ box; 200 cards/ carton

1604AUP-U2 9V
489 1199 10045 1
10 cards/ box; 100 cards/ carton



Ultra Alkaline

Specially designed for ever-growing number of battery powered devices, Ultra Alkaline delivers reliable portable power. There's a better chance to score top marks with Ultra Alkaline batteries with their longer operating time and unmatched performance on power hungry devices. Win increased customer satisfaction by providing the right support for leisure time devices.

Features

- ★ Longer operating time
- ★ Up to 7 years shelf life
- ★ Complete line of AA, AAA, C, D and 9 Volt
- ★ Blister packs, multi-packs and value packs are available

Major Applications

MP3, digital cameras, photo flash, electronic dictionaries, electronic games and battery-operated toys

Standard Packs

15AU-U2 AA 1.5V
489 1199 02758 1
10 cards/ box; 80 cards/ carton

15AU-U4 AA 1.5V
489 1199 02759 8
10 cards/ box; 80 cards/ carton

15AU-U8 AA 1.5V
489 1199 03500 5
12 cards/ box; 96 cards/ carton

24AU-U2 AAA 1.5V
489 1199 02764 2
10 cards/ box; 80 cards/ carton

24AU-U4 AAA 1.5V
489 1199 02765 9
10 cards/ box; 80 cards/ carton

24AU-U8 AAA 1.5V
489 1199 03502 9
12 cards/ box; 96 cards/ carton

13AU-U2 D 1.5V
489 1199 03444 2
10 cards/ box; 80 cards/ carton

14AU-U2 C 1.5V
489 1199 03447 3
10 cards/ box; 80 cards/ carton

1604AU-U1 9V
489 1199 03468 8
10 cards/ box; 200 cards/ carton

1604AU-U2 9V
489 1199 07331 1
10 cards/ box; 100 cards/ carton

908AU-S1 6V
489 1199 05681 9
6 pcs/ box; 12 pcs/ carton

Value Packs

15AU-UD12 AA 1.5V
489 1199 08293 1
8 cards/ box; 64 cards/ carton

24AU-UD12 AAA 1.5V
489 1199 08304 4
8 cards/ box; 64 cards/ carton

15AU-B10 AA 1.5V
489 1199 09830 7
10 packs/ box; 80 packs/ carton

15AU-B16 AA 1.5V
489 1199 08296 2
12 packs/ box; 48 packs/ carton

15AU-B20 AA 1.5V
489 1199 09832 1
4 packs/ box; 40 packs/ carton

15AU-B24 AA 1.5V
489 1199 08297 9
8 packs/ box; 32 packs/ carton

15AU-B30 AA 1.5V
489 1199 08298 6
6 packs/ box; 24 packs/ carton

15AU-B40 AA 1.5V
489 1199 08299 3
6 packs/ box; 18 packs/ carton

24AU-B10 AAA 1.5V
489 1199 09834 5
10 packs/ box;
80 packs/ carton

24AU-B16 AAA 1.5V
489 1199 08307 5
12 packs/ box;
48 packs/ carton

24AU-B20 AAA 1.5V
489 1199 09836 9
4 packs/ box;
40 packs/ carton

24AU-B24 AAA 1.5V
489 1199 08308 2
8 packs/ box;
32 packs/ carton

24AU-B30 AAA 1.5V
489 1199 08309 9
6 packs/ box;
24 packs/ carton

24AU-B40 AAA 1.5V
489 1199 08310 5
6 packs/ box;
18 packs/ carton

13AU-B4 D 1.5V
489 1199 08500 0
12 packs/ box;
48 packs/ carton

13AU-B8 D 1.5V
489 1199 08501 7
6 packs/ box; 24 packs/ carton

14AU-B4 C 1.5V
489 1199 08502 4
12 packs/ box; 48 packs/ carton

14AU-B8 C 1.5V
489 1199 08503 1
6 packs/ box; 24 packs/ carton

1604AU-B4 9V
489 1199 08504 8
12 packs/ box; 96 packs/ carton

Super Alkaline

Super Alkaline is formulated to meet the increasing power demand of everyday devices for value conscious customers. Dependable performance builds customer loyalty through the dependable power of Super Alkaline batteries. With a long shelf life, this extensive product range offers a reliable product for a wide range of applications for consumers of all ages.

Features

- ★ Long lasting
- ★ Dependable performance
- ★ Up to 7 years shelf life
- ★ Extensive range including AA, AAA, C, D and 9 Volt, N, J ... and so on
- ★ Blister packs, multi packs and value packs are available

Major Applications

Audio devices, electronic games, walkie talkies, smoke alarms and flashlights

Standard Packs

15A-U2 AA 1.5V
489 1199 00002 7
10 cards/ box; 80 cards/ carton

15A-U4 AA 1.5V
489 1199 00003 4
10 cards/ box; 80 cards/ carton

15A-U8 AA 1.5V
489 1199 02037 7
12 cards/ box; 96 cards/ carton

24A-U2 AAA 1.5V
489 1199 00004 1
10 cards/ box; 80 cards/ carton

24A-U4 AAA 1.5V
489 1199 00005 8
10 cards/ box; 80 cards/ carton

24A-U8 AAA 1.5V
489 1199 02192 3
12 cards/ box; 96 cards/ carton

25A-U2 AAAA 1.5V
489 1199 05861 5
10 cards/ box; 80 cards/ carton

13A-U2 D 1.5V
489 1199 00000 3
10 cards/ box; 80 cards/ carton

14A-U2 C 1.5V
489 1199 00001 0
10 cards/ box; 80cards/ carton

1604A-U1 9V
489 1199 00231 1
10 cards/ box; 200 cards/ carton

1604A-U2 9V
489 1199 00232 8
10 cards/ box; 100 cards/ carton

910A-U2 N 1.5V
489 1199 00006 5
10 cards/ box; 80 cards/ carton

Standard Packs

312A-U1 4.5V
489 1199 05780 9
10 cards/ box; 60 cards/ carton

1412AP-U1 J 6V
489 1199 00379 0
20 cards/ box; 160 cards/ carton

908A-S1 6V
489 1199 05680 2
6 pcs/ box; 12 pcs/ carton

Value Packs

15A-UD12 AA 1.5V
489 1199 08315 0
8 cards/ box; 64 cards/ carton

24A-UD12 AAA 1.5V
489 1199 08326 6
8 cards/ box; 64 cards/ carton

15A-B10 AA 1.5V
489 1199 09838 3
10 packs/ box;
80 packs/ carton

15A-B16 AA 1.5V
489 1199 08318 1
12 packs/ box;
48 packs/ carton

15A-B20 AA 1.5V
489 1199 09840 6
4 packs/ box;
40 packs/ carton

15A-B24 AA 1.5V
489 1199 08319 8
8 packs/ box;
32 packs/ carton

15A-B30 AA 1.5V
489 1199 08320 4
6 packs/ box;
24 packs/ carton

15A-B40 AA 1.5V
489 1199 08321 1
6 packs/ box;
18 packs/ carton

24A-B10 AAA 1.5V
489 1199 09842 0
10 packs/ box;
80 packs/ carton

24A-B16 AAA 1.5V
489 1199 08329 7
12 packs/ box;
48 packs/ carton

24A-B20 AAA 1.5V
489 1199 09844 4
4 packs/ box;
40 packs/ carton

24A-B24 AAA 1.5V
489 1199 08330 3
8 packs/ box;
32 packs/ carton

24A-B30 AAA 1.5V
489 1199 08331 0
6 packs/ box;
24 packs/ carton

24A-B40 AAA 1.5V
489 1199 08332 7
6 packs/ box;
18 packs/ carton

13A-B4 D 1.5V
489 1199 08505 5
12 packs/ box;
48 packs/ carton

13A-B8 D 1.5V
489 1199 08506 2
6 packs/ box; 24 packs/ carton

14A-B4 C 1.5V
489 1199 08507 9
12 packs/ box; 48 packs/ carton

14A-B8 C 1.5V
489 1199 08508 6
6 packs/ box; 24 packs/ carton

1604A-B4 9V
489 1199 08509 3
12 packs/ box; 96 packs/ carton

GP Batteries

Greencell

Stay in tune with the times for domestic and day-to-day items by using value to performance Greencell batteries. They're dependable, and offer an economical, reliable power source for medium to low-drain applications such as self-standing or wall hanging timepieces. An ideal choice for price-conscious customers.

Features

- ★ Dependable
- ★ Value to performance
- ★ Full range of AA, AAA, C, D, 9 Volt and so on
- ★ Blister packs, multi packs and value packs are available

Major Applications

Alarm clocks, toys, radios, remote controls, flashlights and smoke detectors

Standard Packs

15G-U4 AA 1.5V
489 1199 00013 3
10 cards/ box;
80 cards/ carton

24G-U2 AAA 1.5V
489 1199 00034 8
10 cards/ box;
80 cards/ carton

24G-U4 AAA 1.5V
489 1199 00047 8
10 cards/ box;
80 cards/ carton

13G-U2 D 1.5V
489 1199 00008 9
10 cards/ box;
80 cards/ carton

14G-U2 C 1.5V
489 1199 00010 2
10 cards/ box;
80 cards/ carton

1604G-U1 9V
489 1199 00221 2
10 cards/ box;
200 cards/ carton

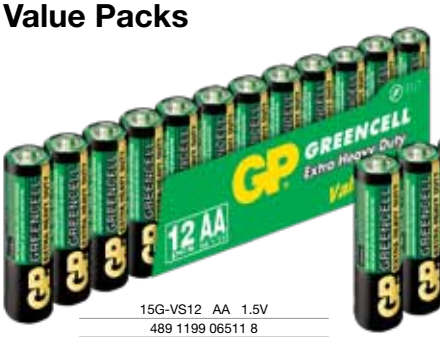
312G-U1 4.5V
489 1199 00037 9
10 cards/ box;
120 cards/ carton

Standard Packs

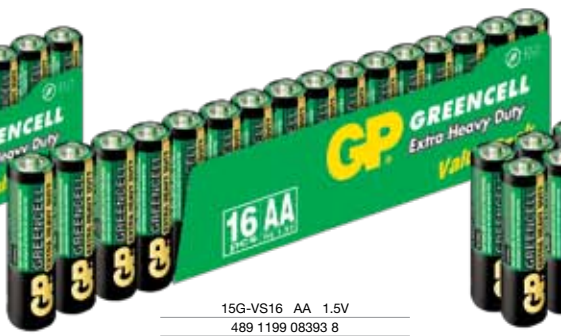
908G-S1 6V
489 1199 01131 3
6 pcs/ box; 24 pcs/ carton

918G-S1 6V
489 1199 01132 0
3 pcs/ box; 12 pcs/ carton

Value Packs



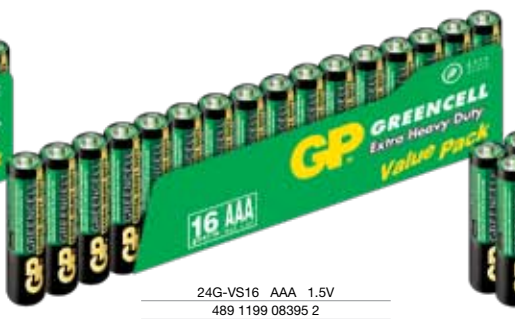
15G-VS12 AA 1.5V
489 1199 06511 8
16 packs/ box; 64 packs/ carton



15G-VS16 AA 1.5V
489 1199 08393 8
12 packs/ box; 48 packs/ carton

15G-VS24 AA 1.5V
489 1199 06514 9
8 packs/ box; 32 packs/ carton

24G-VS12 AAA 1.5V
489 1199 08394 5
16 packs/ box; 64 packs/ carton



24G-VS16 AAA 1.5V
489 1199 08395 2
12 packs/ box; 48 packs/ carton

24G-VS24 AAA 1.5V
489 1199 07867 5
8 packs/ box; 32 packs/ carton

13G-VS8 D 1.5V
489 1199 08396 9
8 packs/ box; 40 packs/ carton

14G-VS8 C 1.5V
489 1199 08397 6
8 packs/ box; 48 packs/ carton

1604G-VS4 9V
489 1199 08398 3
12 packs/ box; 96 packs/ carton

GP Batteries

Supercell

Supercell is economical and suitable power sources for general battery operated devices and many small household appliances – including a variety of children's toys. Ideally perfected to give good performance on moderate to low-drain devices. Dependable at very affordable prices and most welcomed by price-concious consumers.

Features

- ★ Good performance
- ★ Full range of AA, AAA, C, D, 9 Volt and so on

Major Applications

Flashlights, toys, alarm clocks, radios and remote controls

Standard Packs

15S-S4 AA 1.5V
489 1199 00799 6
10 packs/ box; 250 packs/ carton

24S-S2 AAA 1.5V
489 1199 00800 9
20 packs/ box; 500 packs/ carton

13S-S2 D 1.5V
489 1199 00797 2
10 packs/ box; 100 packs/ carton

14S-S2 C 1.5V
489 1199 00798 9
12 packs/ box; 240 packs/ carton

1604S-S1 9V
489 1199 00828 3
10 pcs/ box; 500 pcs/ carton

312S-S1 4.5V
489 1199 00024 9
20 pcs/ box; 240 pcs/ carton

1603S-S1 9V
489 1199 01554 0
12 pcs/ box; 48 pcs/ carton

908S-S1 6V
489 1199 01114 6
6 pcs/ box; 24 pcs/ carton

918S-S1 6V
489 1199 01115 3
3 pcs/ box; 12 pcs/ carton

Lithium 9V

GP Lithium 9V is the best choice of battery for smoke detectors. It provides 10-year service life, highest energy density, stable discharge voltage and wide operating temperature which outperforms any comparable 9V battery. It also lasts up to 5 times longer than ordinary alkaline 9V batteries making it the best consumer-replacement battery for 9-volt devices in home safety, wireless mics, meters, and recreation applications etc.

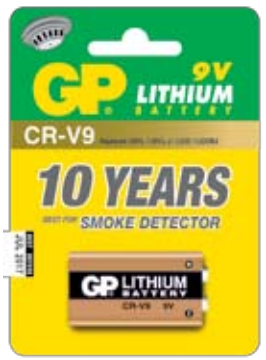
Features

- ★ 10 years service life in smoke detectors
- ★ Excellent high current discharge performance
- ★ 5 times longer lasting than alkaline batteries
- ★ Built-in safety mechanism
- ★ Environmentally friendlier
- ★ Wide operating temperature range of -40°C to +60°C and excellent discharge performance at extremely low temperature

Major Applications

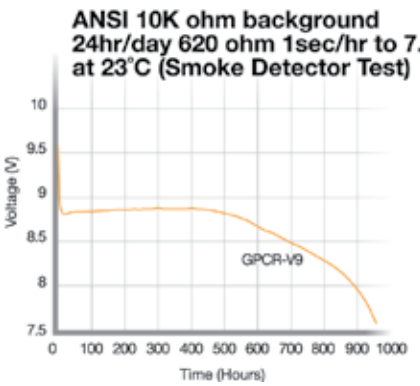
Smoke detectors, medical equipment, carbon monoxide alarms, explosion gas alarms, meters, wireless transmitters, stun guns, military applications, electronic toll collection system

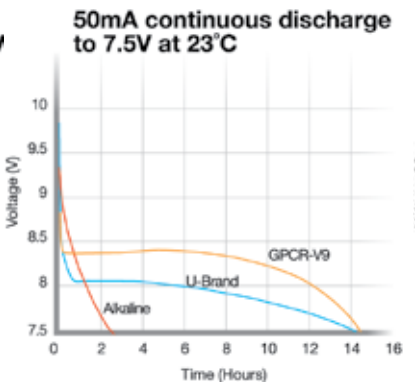
Standard Packs

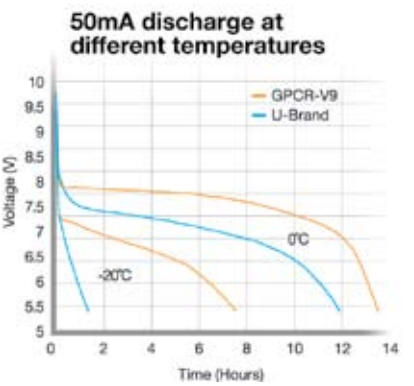


CR-V9SD-U1 9V
489 1199 104565
10 packs/ box; 450 packs/ carton

CR-V9-U1 9V
489 1199 08131 6
10 packs/ box; 450 packs/ carton







10-year Service Life in Smoke Detectors

Voltage characteristics remain stable even for a long period of discharge, greatly improving the reliability of the ionisation-type smoke detector that uses GP Lithium 9V battery (GPCR-V9). Such smoke detector is also maintenance free (battery replacement is seldom required).

Lightweight, High Voltage and High Energy Density

GP Lithium 9V battery (GPCR-V9) lasts 5 times longer than Alkaline batteries.

Excellent Temperature Characteristics

GP Lithium 9V battery (GPCR-V9) outperforms competition by demonstrating much longer operating time and stable performance over a wide temperature range of -40°C to +60°C.

GP Batteries

Lithium Cylindrical

It's often the preferred power source used in the most sophisticated photographic and medical equipment. The batteries have a long shelf life of 10 years, making them the most intelligent answer to keeping devices in top operating condition – primed and ready to go!

Features

- ★ Excellent high current discharge performance
- ★ Built-in safety mechanism
- ★ Environmentally friendlier
- ★ Wide operating temperature range of -40°C to +60°C and excellent discharge performance at extremely low temperature
- ★ All sizes of CR123A, CR2, CR-V3, CR-P2 and 2CR5 are available

Major Applications

Cameras, LED flashlights, memory back-up, medical equipment, meters, photo flash

Standard Packs

CR2-U1 3V
489 1199 00699 9
10 cards/ box; 450 cards/ carton

CR123A-U1 3V
489 1199 00108 6
10 cards/ box; 300 cards/ carton

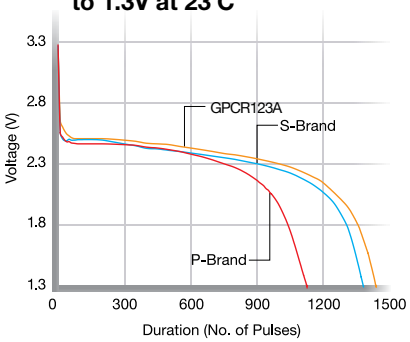
CR123A-U2 3V
489 1199 10347 6
10 cards/ box; 300 cards/ carton

CR-V3-U1 3V
489 1199 07373 1
10 cards/ box; 450 cards/ carton

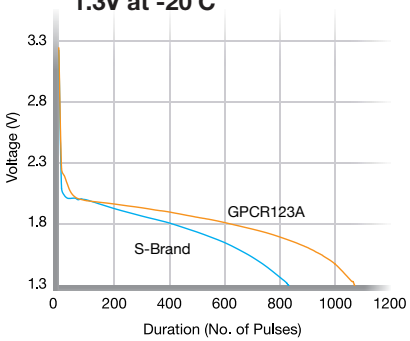
CR-P2-U1 6V
489 1199 00109 3
10 cards/ box; 450 cards/ carton

2CR5-U1 6V
489 1199 00110 9
10 cards/ box; 450 cards/ carton

1200mA pulse discharge to 1.3V at 23°C



1200mA pulse discharge to 1.3V at -20°C



Excellent Pulse Discharge Performance at Room Temperature

GPCR123A shows superior high pulse discharge performance and longer duration than competitors.

Outstanding Pulse Discharge Capability at -20°C

The outstanding high pulse discharge capability of GPCR123A remains strong at extremely low temperature.

Lithium Coin

Use the correct batteries for the right appliances. With a broad range of applications and a wide range of operating temperatures, Lithium Coin batteries are ideal for different makes of cameras, watches, remote controls and other electronic devices. They have a long shelf life of 10 years and are the perfect partner for computers and other sensitive devices.

Features

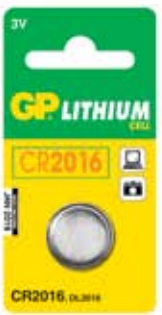
- ★ High energy density
- ★ Wide range of operating temperatures from -10°C to +60°C
- ★ Flat discharge voltage
- ★ Long shelf life of 10 years
- ★ Environmentally friendlier
- ★ Broad range of sizes and models

Major Applications

Computer memory back-up, cameras, remote controls, calculators, thermometers, car alarms and watches, FA instruments

Standard Packs

CR2016-F1 3V
489 1199 02138 1
50 cards/ box; 1000 cards/ carton



CR2016-C1 3V
489 1199 00370 7
10 cards/ box; 1000 cards/ carton

CR2016-C5 3V
489 1199 00112 3
20 cards/ box; 400 cards/ carton

CR2025-F1 3V
489 1199 02140 4
50 cards/ box; 1000 cards/ carton

CR2025-C1 3V
489 1199 00371 4
10 cards/ box; 1000 cards/ carton

CR2025-C5 3V
489 1199 00113 0
20 cards/ box; 400 cards/ carton

Other available models

Model No.	Packing Type	
CR1/3N	C1	1pc/card
CR1025	C1	1pc/card
	C5	5pcs/card
CR1216	C1	1pc/card
	C5	5pcs/card
CR1220	F1	1pc/card
	C1	1pc/card
	C5	5pcs/card
CR1616	F1	1pc/card
	C1	1pc/card
	C5	5pcs/card
CR1620	C1	1pc/card
	C5	5pcs/card
CR2032	F1	1pc/card
	C1	1pc/card
	C5	5pcs/card
CR2430	F1	1pc/card
	C1	1pc/card
	C5	5pcs/card
CR2450	C1	1pc/card
	C5	5pcs/card

GP Batteries

Remote Control & High Voltage Alkaline

In tune with the most advanced remote control apparatus, these batteries are especially built to conform to the highest standards of performance excellence in remote controls for cars, photo equipment and other electronic devices. To give maximum endorsement they hold a stable operating voltage throughout use.

Features

- ★ Long lasting power
- ★ Stable operating voltage

Major Applications

Keyless entry remotes, toys and electronic organizers

High Voltage Alkaline

23AE-F1 12V
489 1199 04209 6
20 cards/ box; 400 cards/ carton

23AE-C1 12V
489 1199 04211 9
10 cards/ box; 1000 cards/ carton

23AE-C5 12V
489 1199 04214 0
20 cards/ box; 200 cards/ carton

27AF-C5 12V
489 1199 11081 8
20 cards/ box; 200 cards/ carton

Standard Series other available models

Model No.	Packing Type	
10A	C1	1pc/card
	C5	5pcs/card
11A	F1	1pc/card
	C1	1pc/card
	C5	5pcs/card
26A	C1	1pc/card
	C5	5pcs/card
27A	F1	1pc/card
	C1	1pc/card
	C5	5pcs/card
29A	F1	1pc/card
	C1	1pc/card
	C5	5pcs/card
476A	C1	1pc/card
476*		bulk

Mercury Free Series other available models

Model No.	Packing Type	
10A	C1	1pc/card
	C5	5pcs/card
11A	F1	1pc/card
	C1	1pc/card
	C5	5pcs/card
23A	F1	1pc/card
	C1	1pc/card
	C5	5pcs/card
26A	C1	1pc/card
	C5	5pcs/card
29A	F1	1pc/card
	C1	1pc/card
	C5	5pcs/card
476A	C1	1pc/card
476*		bulk

27AF-F1 12V
489 1199 11080 1
20 cards/ box; 400 cards/ carton

27AF-C1 12V
489 1199 11079 5
10 cards/ box; 1000 cards/ carton

* High voltage silver oxide

Watch & Electronics

Keep yourself in step with the times, choose the best battery for fashion watches and quality timepieces, by turning to the comprehensive range of batteries manufactured by GP Batteries for the Watch and Electronics section. They deliver balanced power to small electronic devices. Ideal for keeping organizers and calculators ready for action.

Features

- ★ Deliver power requirement for small electronic devices
- ★ Comprehensive product range
- ★ Multi applications

Major Applications

Toys, watches, games, electronic books, calculators, organizers and keyless entry remotes

Silver Oxide

392-A1 1.55V
10 capsules/ box;
2000 capsules/ carton

392-C1 1.55V
489 1199 00427 8
10 cards/ box;
1000 cards/ carton

392-C5 1.55V
489 1199 00323 3
20 cards/ box;
200 cards/ carton

Standard Series other available models

Model No.	Packing Type
301	A1 1pc/capsule C1 1pc/card C5 5pcs/card
303	
315	
317	
319	
321	
329	
337	
348	
357	
362	
364	
366	
370	
371	
373	

Model No.	Packing Type
376	A1 1pc/capsule C1 1pc/card C5 5pcs/card
377	
379	
S76E	
381	
384	
386	
389	
390	
391	
392	
393	
394	
395	
396	
397	
399	

Mercury Free Series available models

Model No.	Packing Type
357	A1 1pc/capsule C1 1pc/card C5 5pcs/card
362	
377	
386	
389	
391	
392	
393	
399	

Alkaline

A76-F1 1.5V
489 1199 02146 6
25 cards/ box;
500 cards/ carton

A76-C1 1.5V
489 1199 00396 7
10 cards/ box;
1000 cards/ carton

A76-C5 1.5V
489 1199 01159 7
20 cards/ box;
200 cards/ carton

A76-C10 1.5V
489 1199 01549 6
25 cards/ box;
500 cards/ carton

Standard Series other available models

Model No.	Packing Type	
164	C5	5pcs/card
	C10	10pcs/card
177	C5	5pcs/card
	C10	10pcs/card
186	C1	1pc/card
	C5	5pcs/card
	C10	10pcs/card
189	C1	1pc/card
	C5	5pcs/card
	C10	10pcs/card
191	C5	5pcs/card
	C10	10pcs/card
192	C5	5pcs/card
	C10	10pcs/card
	F1	1pc/card
PX625A	C1	1pc/card
	C5	5pcs/card
A76P	C10	10pcs/card

Mercury Free Series available models

Model No.	Packing Type	
177	C5	5pcs/card
	C10	10pcs/card
186	C1	1pc/card
	C5	5pcs/card
	C10	10pcs/card
189	C1	1pc/card
	C5	5pcs/card
	C10	10pcs/card
191	C5	5pcs/card
	C10	10pcs/card
192	C5	5pcs/card
	C10	10pcs/card
	F1	1pc/card
PX625A	C1	1pc/card
	C5	5pcs/card
A76	C10	10pcs/card

GP Batteries

Hearing Aid

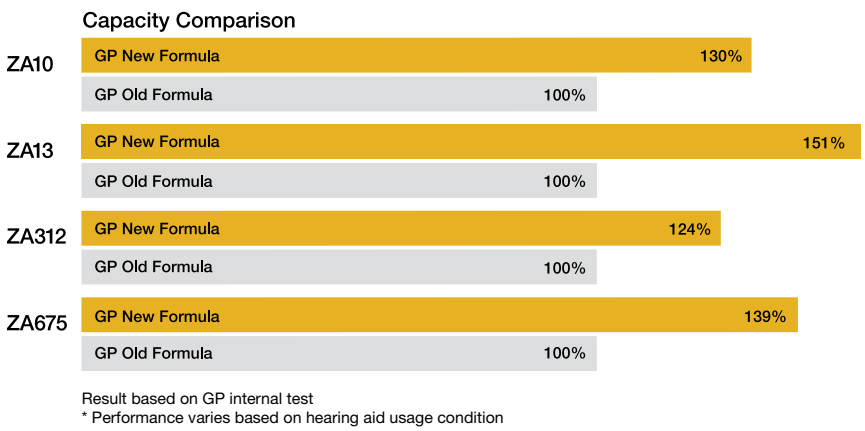
Sensible advice is always using the correct battery to protect delicate devices. Uniquely designed with a newly improved formula, Zinc Air battery is suitable and reliable for sensitive and finely assembled electronic items such as the many different styles of hearing aids. It holds a stable operating voltage throughout use and performs well over a wide range of temperatures.

Features

- ★ Long lasting
- ★ Stable operating voltage
- ★ Dependable performance
- ★ Wide range of operating temperatures

Major Applications

Hearing aids and accessories



Improved Formula, 30%* Longer Lasting

Result based on GP internal test
* Performance varies based on hearing aid usage condition

Zinc Air

ZA10-D6 1.4V
489 1199 00514 5
10 cards/ box; 50 cards/ carton

ZA13-D6 1.4V
489 1199 00515 2
10 cards/ box; 50 cards/ carton

ZA312-D6 1.4V
489 1199 00516 9
10 cards/ box; 50 cards/ carton

ZA675-D6 1.4V
489 1199 00517 6
10 cards/ box; 50 cards/ carton

Discovery-Home Range

The **Home Range** is designed for general household use. Their designs are unique yet contemporary with the eye-catching green color and unique triangular body shape for anti-roll purpose. The night glow switch maximzes users' convenience by allowing them to locate the torch easily in the dark. The tough material used provides good impact resistance.

Features

L071 / L072

- ★ Ultra bright krypton light bulb
- ★ Anti-roll triangular design
- ★ Night glow switch
- ★ Shockproof
- ★ Hanging hole

Standard Packs

L071/G-U2
15G x 2

489 1199 09613 6

12 cards/ box; 48 cards/ carton

• Powered by 2 x AA
• Shock proof plastic casing

L072/G-U2
13G x 2

489 1199 09615 0

6 cards/ box; 36 cards/ carton

•Powered by 2 x D
• Shock proof plastic casing

Discovery-Work Range

The **Work Range** is specially made with weatherproof impact resistance ABS plastic body while the non-slip rubber grip further enhances the toughness for heavy-duty use. The Work Range is designed with unique anti-roll triangular body shape and a night glow switch for easy location in the dark.

Features

L073 / L074 / L076

- ★ Durable ABS plastic casing
- ★ Ultra bright krypton light bulb
- ★ Comfortable non-slip rubber grip
- ★ Anti-roll design
- ★ Night glow switch
- ★ Weatherproof & shockproof
- ★ Metal hanging ring

Standard Packs

L073/AU-UC2
15AU x 2
489 1199 09651 8
12 cards/ box; 48 cards/ carton
• Powered by 2 x AA

L074/AU-UC2
13AU x 2
489 1199 09652 5
6 cards/ box; 36 cards/ carton
• Powered by 2 x D

L076/AU-UC4
13AU x 4
489 1199 10007 9
6 cards/ carton
• Powered by 4 x D
• Adjustable stand for hands free usage

Discovery- Work Range (LED)

Features

LWE201 / LWE102

- ★ Long lasting superbright LED bulb
- ★ Durable ABS plastic casing
- ★ Comfortable non-slip rubber grip
- ★ Anti-roll design
- ★ Night glow switch
- ★ Weatherproof & shockproof
- ★ Metal hanging ring

GP Discovery – **Work Range** is extended to develop a series of LED flashlights which is highly recommended for demanding work conditions and heavy-duty use. It is equipped with a long lasting superbright LED bulb. Same as the Krypton Range, it also features with weatherproof impact resistance ABS body, non-slip rubber grip, anti-roll design and night glow switch for the best portable lighting tools in work use.

Standard Packs

LWE201 /AU-UC2
15AU x 2
489 1199 10300 1
12 cards/ box; 48 cards/ carton
• Powered by 2 x AA
• 1 x 0.5W Superbright LED bulb

LWE102/AU-UC2
13AU x 2
489 1199 10303 2
6 cards/ box; 36 cards/ carton
• Powered by 2 x D
• 1 x 0.5W Superbright LED bulb

Discovery– Outdoor Range

The rainproof **Outdoor Range**, including hand torches and headlights, is developed to be used under adverse weather conditions. The torches are designed with non-slip rubber grip and handy strap while the headlights have pivoting heads with more than 90˚ adjustment for beam orientation. Their long-lasting and ultra bright CREE LED can run up to 100,000 hours, making them the most dependable outdoor lighting tools.

Features

LOE102 / LOE203 / LOE404

- ★ Long lasting CREE LED (runs up to 100,000 hours)
- ★ Durable aluminium casing
- ★ Non-slip rubber grip
- ★ Rainproof
- ★ With carrying strap and metal clip

LOE201

- ★ Long lasting CREE LED (runs up to 100,000 hours)
- ★ 2 lights in 1 - close for hand torch and open for 360˚ area light
- ★ Non-slip rubber grip
- ★ Rainproof
- ★ With carrying strap

LOE205 / LOE206

- ★ Long lasting CREE LED (runs up to 100,000 hours)
- ★ Plastic pivoting head with more than 90˚ adjustment for beam orientation
- ★ Adjustable headband
- ★ Rainproof
- ★ With carrying strap

Standard Packs

LOE102/AU-UC2
15AU x 2
489 1199 10944 7
12 cards/ box; 48 cards/ carton
• Powered by 2 x AA
• 1 x 1W High Power CREE LED

LOE201/AU-UC4
24AU x 4
489 1199 10945 4
12 cards/ box; 48 cards/ carton
• Powered by 4 x AAA
• 6 x Super Bright CREE LED

LOE203/AU-UC3
24AU x 3
489 1199 10943 0
12 cards/ box; 48 cards/ carton
• Powered by 3 x AAA
• 1 x 1W High Power CREE LED

LOE205/AU-UC3
24AU x 3
489 1199 10941 6
12 cards/ box; 48 cards/ carton
• Powered by 3 x AAA
• 6 x Super Bright CREE LED
1 x Red LED

LOE206/AU-UC3
24AU x 3
489 1199 10940 9
12 cards/ box; 48 cards/ carton
• Powered by 3 x AAA
• 1 x 3W High Power CREE LED

LOE404/AU-UC2
13AU x 2
489 1199 10942 3
6 cards/ box; 36 cards/ carton
• Powered by 2 x D
• 1 x 3W High Power CREE LED

Discovery-Compact Range

The **Compact Range** is tailored for personal use. They are compact, light-weight and handy, making them easy to be kept in pockets, purses or briefcases. They are specially designed with durable aluminium casing. The long-lasting and ultra bright CREE LED can run up to 100,000 hours, offering consumers a bright and continual light source anytime at anywhere.

Features

LCE202

- ★ Durable aluminium casing
- ★ Long lasting Super Bright CREE LED (runs up to 100,000 hours)
- ★ Non-slip rubber grip
- ★ Focusing optical lens
- ★ Shockproof
- ★ Weatherproof
- ★ With metal key ring

LCE202/AUE-2U1
24AU x 1
489 1199 11539 4
12 cards/ box: 72 cards/ carton
• Powered by 1 x AAA
• 1 x Super Bright CREE LED

LCE202R/AUE-2U1
24AU x 1
489 1199 12107 4
12 cards/ box: 72 cards/ carton
• Powered by 1 x AAA
• 1 x Super Bright CREE LED

LCE202C/AUE-2U1
24AU x 1
489 1199 12108 1
12 cards/ box: 72 cards/ carton
• Powered by 1 x AAA
• 1 x Super Bright CREE LED

LCE202E/AUE-2U1
24AU x 1
489 1199 12117 3
12 cards/ box: 72 cards/ carton
• Powered by 1 x AAA
• 1 x Super Bright CREE LED

LCE202P/AUE-2U1
24AU x 1
489 1199 12219 4
12 cards/ box: 72 cards/ carton
• Powered by 1 x AAA
• 1 x Super Bright CREE LED

LCE202V/AUE-2U1
24AU x 1
489 1199 12222 4
12 cards/ box: 72 cards/ carton
• Powered by 1 x AAA
• 1 x Super Bright CREE LED

LCE202S/AUE-2U1
24AU x 1
489 1199 12225 5
12 cards/ box: 72 cards/ carton
• Powered by 1 x AAA
• 1 x Super Bright CREE LED

LCE202G/AUE-2U1
24AU x 1
489 1199 12228 6
12 cards/ box: 72 cards/ carton
• Powered by 1 x AAA
• 1 x Super Bright CREE LED

Discovery-LED

You surely don't want to be left in the dark especially outdoors! Keep a reliable flashlight and spare battery handy at all times and don't forget to pack one or two with your camping kit. The ultra bright 0.5W LED has a long run time powered by lithium or alkaline batteries. Weather and corrosion resistant and handsomely encased in durable aluminum.

Features

L041 - L043

- ★ Ultra bright 0.5W LED / 5mm LED
- ★ Longer run time powered by lithium CR123A / alkaline cell
- ★ Durable aluminum casing
- ★ Weather and corrosion resistant
- ★ With carrying strap / key-chain

Standard Packs

L043/A-C3
A76 x 3
489 1199 07854 5
20 cards/ box;
120 cards/ carton

L041/CR-C1
CR123A x 1
489 1199 07852 1
12 cards/ box;
48 cards/ carton

L042/CR-C2
CR123A x 2
489 1199 07853 8
12 cards/ box;
48 cards/ carton

Discovery–Krypton

Durable and dependable with a built-in hanger ring and easy to use push button switch, this flashlight is especially designed for household and outdoor use. Weather resistant with a high quality, powerful Krypton bulb, it's a useful and practical article for car or home. Compactly designed for easy conveyance.

Features

- ★ High quality krypton bulb
- ★ Durable and dependable
- ★ Reliable push button switch
- ★ Built-in hanger ring
- ★ Weather-resistant

Standard Packs

L001/G2-C1
15G x 2
489 1199 01779 7
12 cards/ box; 48 cards/ carton

L002/G2-C1
14G x 2
489 1199 01780 3
12 cards/ box; 48 cards/ carton

L003/G2-C1
13G x 2
489 1199 01781 0
6 cards/ box; 36 cards/ carton

KPR102-C1 2.4V
489 1199 00597 8
100 cards/ box;
1000 cards/ carton

KPR103-C1 3.6V
489 1199 00598 5
100 cards/ box;
1000 cards/ carton

KPR113-C1 4.8V
489 1199 00599 2
100 cards/ box;
1000 cards/ carton

Searcher

Featuring a high-powered light bulb, the Searcher torch comes with a reliable, easy to operate slide switch. To reduce accidental rolling it has a sleek, contemporary anti-roll design. A general-purpose torch, the Searcher is an economical, attractive and practical addition to any essential safety items list. Good quality at value price, it's perfect for everyday household and outdoor use.

Features

- ★ Ultra bright light bulb
- ★ Reliable tush button switch
- ★ Anti-roll design
- ★ Built-in hanger strap

Standard Packs

L031/G-C2 15G x 2
489 1199 03030 7
12 cards/ box; 96 cards/ carton

L032/G-C2 13G x 2
489 1199 03031 4
6 cards/ box; 24 cards/ carton

L034-S1 (4 x D)*
489 1199 03231 8
36 pcs/ carton

* No battery included

Ultra Plus Alkaline

Model No.	Dimension (mm)		Voltage	Cross Reference			
	Diameter	Height	(V)	IEC	JIS	Energizer	Other
13AUP	34.2	61.5	1.5	LR20	LR20	E95	D
14AUP	26.2	50.0	1.5	LR14	LR14	E93	C
15AUP	14.5	50.5	1.5	LR6	LR6	E91	AA
24AUP	10.5	44.5	1.5	LR03	LR03	E92	AAA
1604AUP	26.5(L) x 17.5(W) x 48.5(H)		9.0	6LF22	6LF22	522	–

Ultra Alkaline

Model No.	Dimension (mm)		Voltage	Cross Reference			
	Diameter	Height	(V)	IEC	JIS	Energizer	Other
13AU	34.2	61.5	1.5	LR20	LR20	E95	D
14AU	26.2	50.0	1.5	LR14	LR14	E93	C
15AU	14.5	50.5	1.5	LR6	LR6	E91	AA
24AU	10.5	44.5	1.5	LR03	LR03	E92	AAA
908AU	66.0(L) x 66.0(W) x 111.0(H)		6.0	4LR25	4LR25X	-	–
1604AU	26.5(L) x 17.5(W) x 48.5(H)		9.0	6LF22	6LF22	522	–

Super Alkaline

Model No.	Dimension (mm)		Voltage	Cross Reference			
	Diameter	Height	(V)	IEC	JIS	Energizer	Other
13A	34.2	61.5	1.5	LR20	LR20	E95	D
14A	26.2	50.0	1.5	LR14	LR14	E93	C
15A	14.5	50.5	1.5	LR6	LR6	E91	AA
24A	10.5	44.5	1.5	LR03	LR03	E92	AAA
25A	8.3	42.5	1.5	LR8D425	–	E96	AAAA
312A	62.0(L) x 22.0(W) x 67.0(H)		4.5	3LR12	–	–	–
908A	66.0(L) x 66.0(W) x 111.0(H)		6.0	4LR25	4LR25X	528	–
910A	12.0	30.2	1.5	LR1	LR1	-	N
1604A	26.5(L) x 17.5(W) x 48.5(H)		9.0	6LF22	6LF22	522	–
1412AP	35.5(L) x 9.2(W) x 48.4(H)		6.0	-	-	539	J

Greencell Extra Heavy Duty

Model No.	Dimension (mm)		Voltage	Cross Reference			
	Diameter	Height	(V)	IEC	JIS	Eveready	Other
13G	34.2	61.5	1.5	R20P	R20P	1250	D
14G	26.2	50.0	1.5	R14P	R14P	1235	C
15G	14.5	50.5	1.5	R6P	R6P	1215	AA
24G	10.5	44.5	1.5	R03	R03	1212	AAA
312G	62.0(L) x 22.0(W) x 67.0(H)		4.5	3R12	–	–	–
908G	66.0(L) x 66.0(W) x 111.0(H)		6.0	4R25	4F	509	–
918G	134.0(L) x 70.0(W) x 127.0(H)		6.0	4R25-2	4R25-2	981/1213	–
1604G	26.5(L) x 17.5(W) x 48.5(H)		9.0	6F22	6F22	1222	–

Supercell Super Heavy Duty

Model No.	Dimension (mm)		Voltage	Cross Reference			
	Diameter	Height	(V)	IEC	JIS	Eveready	Other
13S	34.2	61.5	1.5	R20S	R20S	1050	D
14S	26.2	50.0	1.5	R14S	R14S	1035	C
15S	14.5	50.5	1.5	R6S	R6S	1015	AA
24S	10.5	44.5	1.5	R03	R03	912	AAA
312S	62.0(L) x 22.0(W) x 67.0(H)		4.5	3R12	3R12	–	–
908S	66.0(L) x 66.0(W) x 111.0(H)		6.0	4R25	4R25X	509/1209	–
918S	134.0(L) x 70.0(W) x 127.0(H)		6.0	4R25-2	4R25-2	918/1231	–
1603S	66.0(L) x 52.0(W) x 81.0(H)		9.0	6F100	6F100	276	–
1604S	26.5(L) x 17.5(W) x 48.5(H)		9.0	6F22	6F22	216	–

Lithium 9V

Model No.	Dimension (mm)		Voltage (V)	Cross Reference			
	Diameter	Height		IEC	JIS	ANSI	Ultralife
CR-V9	26.5(L) x 17.5(W) x 48.5(H)		9.0	–	–	1604LC	U9VL

Lithium Cylindrical

Model No.	Dimension (mm)		Voltage (V)	Cross Reference			
	Diameter	Height		IEC	JIS	Eveready	Duracell
CR2	15.6	27.0	3.0	–	–	–	DLCR2
CR123A	16.8	34.5	3.0	CR17345	–	EL123AP	DL123A
CR-V3	29.0(L) x 14.5(W) x 52.0(H)		3.0	–	–	ELCRV3	CR-V3
CR-P2	34.8(L) x 19.5(W) x 35.8(H)		6.0	CR-P2	–	EL223AP	DL223A
2CR5	34.0(L) x 17.0(W) x 45.0(H)		6.0	2CR5	–	EL2CR5BP	DL245

Lithium Coin

Model No.	Dimension (mm)		Voltage (V)	Nominal Capacity (mAh)	Cross Reference			
	Diameter	Height			IEC /JIS	Eveready	Varta	Duracell
CR1/3N	11.6	10.8	3.0	160	CR1/3N	–	–	DL1/3N
CR1025	10.0	2.5	3.0	30	CR1025	ECR1025	CR1025	–
CR1216	12.5	1.6	3.0	25	CR1216	ECR1216	CR1216	–
CR1220	12.5	2.0	3.0	36	CR1220	ECR1220	CR1220	–
CR1616	16.0	1.6	3.0	55	CR1616	ECR1616	CR1616	–
CR1620	16.0	2.0	3.0	78	CR1620	ECR1620	CR1620	–
CR2016	20.0	1.6	3.0	90	CR2016	ECR2016	CR2016	DL2016
CR2025	20.0	2.5	3.0	160	CR2025	ECR2025	CR2025	DL2025
CR2032	20.0	3.2	3.0	220	CR2032	ECR2032	CR2032	DL2032
CR2430	24.5	3.0	3.0	300	CR2430	ECR2430	CR2430	DL2430
CR2450	24.5	5.0	3.0	610	CR2450	ECR2450	CR2450	–

Silver Oxide (Standard Series)

Model No.	Dimension (mm)		Voltage (V)	Nominal Capacity (mAh)	Cross Reference				
	Diameter	Height			IEC/JIS	Eveready	Varta	Duracell	Sony
301	11.6	4.2	1.55	120	SR43	301	V301	D301	SR43W
303	11.6	5.4	1.55	165	SR44	303	V303	D303	SR44W
315	7.9	1.65	1.55	21	SR67	315	V315	D315	SR716SW
317	5.8	1.65	1.55	11.5	SR62	317	V317	D317	SR516SW
319	5.8	2.7	1.55	20	SR64	319	V319	–	SR527SW
321	6.8	1.65	1.55	16	SR65	321	V321	D321	SR616SW
329	7.9	3.1	1.55	37	–	329	V329	–	–
337	4.8	1.65	1.55	7.5	–	337	–	–	SR416SW
348	4.8	2.15	1.55	12	–	–	–	–	SR421SW
357	11.6	5.4	1.55	165	SR44	357	V357	D357	SR44SW
362	7.9	2.1	1.55	24	SR58	362	V362	D362	SR721SW
364	6.8	2.15	1.55	18	SR60	364	V364	D364	SR621SW
366	11.6	1.65	1.55	33	–	366	–	D366	SR1116SW
370	9.5	2.1	1.55	44	SR69	370	V370	–	SR920SW
371	9.5	2.1	1.55	44	SR69	371	V371	D371	SR920SW
373	9.5	1.65	1.55	26	SR68	373	V373	D373	SR916SW
S76E	11.6	5.4	1.55	130	SR44	S76E	V76PX	MS76	SR44SW
376	6.8	2.6	1.55	30	SR66	376	–	–	SR626W
377	6.8	2.6	1.55	25	SR66	377	V377	D377	SR626SW
379	5.8	2.15	1.55	14	SR63	379	V379	D379	SR521SW
381	11.6	2.1	1.55	40	SR55	381	V381	D381	SR1120SW
384	7.9	3.6	1.55	42	SR41	384	V384	D384	SR41SW
386	11.6	4.2	1.55	120	SR43	386	V386	D386	SR43SW
389	11.6	3.05	1.55	70	SR54	389	V389	D389	SR1130W
390	11.6	3.05	1.55	70	SR54	390	V390	D390	SR1130SW
391	11.6	2.1	1.55	40	SR55	391	V391	D391	SR1120SW
392	7.9	3.6	1.55	42	SR41	392	V392	D392	SR41SW
393	7.9	5.4	1.55	70	SR48	393	V393	D393	SR48W
394	9.5	3.6	1.55	60	–	394	V394	D394	SR936SW
395	9.5	2.7	1.55	55	SR57	395	V395	D395	SR927SW
396	7.9	2.65	1.55	30	SR59	396	V396	D396	SR726W
397	7.9	2.65	1.55	30	SR59	397	V397	D397	SR726SW
399	9.5	2.7	1.55	55	SR57	399	V399	D399	SR927W

Silver Oxide (Mercury Free Series)

Model No.	Dimension (mm)		Voltage (V)	Nominal Capacity (mAh)	Cross Reference				
	Diameter	Height			IEC/JIS	Eveready	Varta	Duracell	Sony
357	11.6	5.4	1.55	155	SR44	357	V357	D357	SR44SW
362	7.9	2.1	1.55	22	SR58	362	V362	D362	SR721SW
377	6.8	2.6	1.55	23	SR66	377	V377	D377	SR626SW
386	11.6	4.2	1.55	115	SR43	386	V386	D386	SR43SW
389	11.6	3.05	1.55	67	SR54	389	V389	–	SR1130SW
391	11.6	2.1	1.55	38	SR55	391	V391	D391	SR1120SW
392	7.9	3.6	1.55	40	SR41	392	V392	D392	SR41S
393	7.9	5.4	1.55	67	SR48	393	V393	D393	SR48W
399	9.5	2.7	1.55	50	SR57	399	V399	D399	SR927SW

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Alkaline Cells (Standard Series)

Model No.	Dimension (mm)		Voltage	Nominal Capacity	Cross Reference				
	Diameter	Height	(V)	(mAh)	IEC	JIS	Eveready	Varta	Duracell
164	6.8	2.15	1.5	8	LR60	–	–	–	LR620
A76	11.6	5.4	1.5	110	LR44	LR44	A76	V13GA	LR44
A76P	11.6	5.4	1.5	140	LR44	LR44	–	–	–
177	6.8	2.6	1.5	12	LR626	LR626	–	–	–
186	11.6	4.2	1.5	70	LR43	LR43	186	V12GA	LR43
189	11.6	3.05	1.5	44	LR54	LR54	189	V10GA	LR54
191	11.6	2.05	1.5	24	LR55	LR55	191	V8GA	–
192	7.9	3.6	1.5	24	LR41	LR41	192	V3GA	–
PX625A	15.6	5.95	1.5	190	LR9	LR9	–	V625U	PX625A

Alkaline Cells (Mercury Free Series)

Model No.	Dimension (mm)		Voltage	Nominal Capacity	Cross Reference				
	Diameter	Height	(V)	(mAh)	IEC	JIS	Eveready	Varta	Duracell
A76	11.6	5.4	1.5	110	LR44	LR44	A76	V13GA	LR44
177	6.8	2.6	1.5	12	LR626	LR626	–	–	–
186	11.6	4.2	1.5	70	LR43	LR43	186	V12GA	LR43
189	11.6	3.05	1.5	44	LR54	LR54	189	V10GA	LR54
191	11.6	2.05	1.5	24	LR55	LR55	191	V8GA	–
192	7.9	3.6	1.5	24	LR41	LR41	192	V3GA	–
PX625A	15.6	5.95	1.5	190	LR9	LR9	–	V625U	PX625A

High Voltage Alkaline (Standard Series)

Model No.	Dimension (mm)		Voltage	Nominal Capacity	Cross Reference				
	Diameter	Height	(V)	(mAh)	IEC	JIS	Eveready	Varta	Duracell
10A	10.22	22.1	9.0	38	–	–	–	–	–
11A	10.22	16.5	6.0	38	–	–	–	–	–
23AE	10.22	28.5	12.0	55	–	–	A23	V23GA	MN21
26A	8.0	15.7	6.0	20	–	–	–	–	–
27A	8.0	28.2	12.0	20	–	–	–	–	–
29A	8.0	21.9	9.0	20	–	–	–	–	–

High Voltage Alkaline (Mercury Free Series)

Model No.	Dimension (mm)		Voltage	Nominal Capacity	Cross Reference				
	Diameter	Height	(V)	(mAh)	IEC	JIS	Eveready	Varta	Duracell
10A	10.22	22.1	9.0	38	–	–	–	–	–
11A	10.22	16.5	6.0	38	–	–	–	–	–
23A	10.22	28.5	12.0	38	–	–	A23	V23GA	MN21
26A	8.0	15.7	6.0	18	–	–	–	–	–
27A	8.0	28.2	12.0	18	–	–	–	–	–
29A	8.0	21.9	9.0	18	–	–	–	–	–

High Voltage Silver Oxide (Standard Series)

Model No.	Dimension (mm)		Voltage	Nominal Capacity	Cross Reference			
	Diameter	Height	(V)	(mAh)	IEC /JIS	Eveready	Varta	Duracell
476	13.0	25.2	6.0	165	4SR44	–	V28PX	PX28
476A	13.0	25.2	6.0	105	4LR44	A544	V4034PX	PX28A

High Voltage Silver Oxide (Mercury Free Series)

Model No.	Dimension (mm)		Voltage	Nominal Capacity	Cross Reference			
	Diameter	Height	(V)	(mAh)	IEC /JIS	Eveready	Varta	Duracell
476	13.0	25.2	6.0	165	4SR44	–	V28PX	PX28
476A	13.0	25.2	6.0	105	4LR44	A544	V4034PX	PX28A

Hearing Aid Zinc Air

Model No.	Dimension (mm)		Voltage	Nominal Capacity	Cross Reference			
	Diameter	Height	(V)	(mAh)	IEC /JIS	Eveready	Varta	Duracell
ZA10	5.8	3.6	1.4	90	PR536	AC10	–	DA230
ZA13	7.9	5.4	1.4	290	PR48	AC13	V13A	DA13
ZA312	7.9	3.6	1.4	160	PR41	AC312	V312A	DA312
ZA675	11.6	5.4	1.4	630	PR44	AC675	V675HPA	DA675

Discovery - Home Range

Model No.	Dimension (mm) Diameter	Dimension (mm) Height	Weight (g) (Torch only)	Battery Size	Bulb Type Krypton	Bulb Type LED
L071	54	170	65	2 x AA	*	–
L072	69	215	116	2 x D	*	–
L075	65(L) x 35(W) x 110(H)		112	3 x AAA	*	–

Discovery - Work Range

Model No.	Dimension (mm) Diameter	Dimension (mm) Height	Weight (g) (Torch only)	Battery Size	Bulb Type Krypton	Bulb Type LED
L073	56	182	116	2 x AA	*	–
L074	72	227	203	2 x D	*	–
L076	216(L) x 123(H)		435	4 x D	*	–
LWE201	55	180	110	4 x AAA	–	*
LWE102	70	225	206	6 x AA	–	*

Discovery - Outdoor Range

Model No.	Dimension (mm) Diameter	Dimension (mm) Height	Weight (g) (Torch only)	Battery Size	Bulb Type Krypton	Bulb Type LED
LOE102	34	168	138	2 x AA	–	*
LOE201	43	117	81	4 x AAA	–	*
LOE203	37	120	120	3 x AAA	–	*
LOE205	37	45	79	3 x AAA	–	*
LOE206	25	45	90	3 x AAA	–	*
LOE404	50	212	288	2 x D	–	*

Discovery - Compact Range

Model No.	Dimension (mm) Diameter	Dimension (mm) Height	Weight (g) (Torch only)	Battery Size	Bulb Type Krypton	Bulb Type LED
LCE201	17	104	23	1 x AAA	–	*
LCE602	17	74	19	3 x Alkaline Button Cell (192)	–	*

Discovery - LED

Model No.	Dimension (mm) Diameter	Dimension (mm) Height	Weight (g) (Torch only)	Battery Size	Bulb Type Krypton	Bulb Type LED
L041	31	88.7	60	1 x GPCR123A	–	*
L042	31	121.7	90	2 x GPCR123A	–	*
L043	19.5	56	25	3 x GPA76	–	*
L051	42	165	65	3 x AAA	–	*
L061	22	95	35	1 x AAA	–	*
L062	32	125	75	1 x AA	–	*
L063	55	173	270	3 x AA	–	*

Discovery - Krypton

Model No.	Dimension (mm) Diameter	Dimension (mm) Height	Weight (g) (Torch only)	Battery Size	Bulb Type Krypton	Bulb Type LED
L001	39	152	50.5	2 x AA	*	–
L002	55	172	92.5	2 x C	*	–
L003	61	195	122	2 x D	*	–

Discovery - Searcher

Model No.	Dimension (mm) Diameter	Dimension (mm) Height	Weight (g) (Torch only)	Battery Size	Bulb Type Krypton	Bulb Type Others
L031	41	153	44	2 x AA	–	*
L032	50	200	100	2 x D	–	*
L033	40	135	94	4 x AA	–	*
L034	95.9	172.2	245	4 x D	–	*

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